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OIEP

RAW SEQUENCE LISTING

DATE: 10/03/2001

PATENT APPLICATION: US/09/854,844

TIME: 15:31:30

Input Set : A:\LEX-0176-USA SEQLIST.txt

Output Set : N:\CRF3\10032001\I854844.raw

ENTERED

4 <110> APPLICANT: Hu, Yi
 5 Kieke, James Alvin
 6 Olson, Andrew
 7 Turner, C. Alexander Jr.
 9 <120> TITLE OF INVENTION: Novel Human Protease and Polynucleotides Encoding the Same
 11 <130> FILE REFERENCE: LEX-0176-USA
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/854,844
 C--> 13 <141> CURRENT FILING DATE: 2001-09-17
 13 <150> PRIOR APPLICATION NUMBER: US 60/205,275
 14 <151> PRIOR FILING DATE: 2000-05-18
 16 <160> NUMBER OF SEQ ID NOS: 3
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 1041
 22 <212> TYPE: DNA
 23 <213> ORGANISM: homo sapiens
 25 <400> SEQUENCE: 1

26	atggggccctg	ctggctgtgc	cttcacgctg	ctccttctgc	tggggatctc	agtgtgtggg	60
27	caacctgtat	actccagccg	cggtgtagg	ggccaggatg	ctgctgcagg	gcgctggcct	120
28	tggcagggtca	gcctacactt	tgaccacaac	tttatctatg	gaggttccct	cgtcagtgag	180
29	aggttgatac	tgacagcagc	acactgcata	caaccgacct	ggactacttt	ttcatatact	240
30	gtgtggctag	gatcgattac	agtaggtgac	tcaaggaaac	gtgtgaagta	ctacgtgtcc	300
31	aaaatcgta	tccatcccaa	gtaccaagat	acaacggcag	acrtgcctt	gttgaaactg	360
32	tctctcaag	tcaccttcac	ttctgccatc	ctgcctat	gttgcccag	tgtcacaaag	420
33	cagttggcaa	ttccaccctt	ttgttgggtg	accggatggg	gaaaagttaa	ggaaagtcca	480
34	gatagagatt	accattctgc	ccttcaggaa	gcagaagtac	ccattattga	ccgccaggct	540
35	tgtgaacagc	tctacaatcc	catcggtatc	ttcttgccag	cactggagcc	agtcatacaag	600
36	gaagacaaga	tttgtgctgg	tgatactcaa	aacatgaagg	atagttgcaa	gggtgattct	660
37	ggagggcctc	tgctgtgtca	cattgatgg	gtatggatcc	agacaggagt	agtaagctgg	720
38	ggattagaat	gtggtaaatc	tcttcctgga	gtctacacca	atgtaatcta	ctacaaaaaa	780
39	tggattaatg	ccactatttc	aagagccaac	aatctagact	tctctgaact	cttgttcct	840
40	attgtcctac	tctctctggc	tctcctgygt	ccctcctgtg	cctttggacc	taacactata	900
41	cacagagtag	gcactgtagc	tgaagctgtt	gcttgcatat	agggctggga	agagaatgca	960
42	tggagattta	gtcccagggg	cagagaactc	acaggagagc	cactgctaac	cctgggtgac	1020
43	tttatttaca	atttgaaatg	a				1041

45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 346
 47 <212> TYPE: PRT
 48 <213> ORGANISM: homo sapiens
 50 <400> SEQUENCE: 2

51	Met	Gly	Pro	Ala	Gly	Cys	Ala	Phe	Thr	Leu	Leu	Leu	Leu	Leu	Gly	Ile
52	1				5					10					15	
53	Ser	Val	Cys	Gly	Gln	Pro	Val	Tyr	Ser	Ser	Arg	Val	Val	Gly	Gly	Gln
54				20						25				30		
55	Asp	Ala	Ala	Ala	Gly	Arg	Trp	Pro	Trp	Gln	Val	Ser	Leu	His	Phe	Asp
56			35						40				45			
57	His	Asn	Phe	Ile	Tyr	Gly	Gly	Ser	Leu	Val	Ser	Glu	Arg	Leu	Ile	Leu

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58      50      55      60
59 Thr Ala Ala His Cys Ile Gln Pro Thr Trp Thr Thr Phe Ser Tyr Thr
60 65      70      75      80
61 Val Trp Leu Gly Ser Ile Thr Val Gly Asp Ser Arg Lys Arg Val Lys
62      85      90      95
63 Tyr Tyr Val Ser Lys Ile Val Ile His Pro Lys Tyr Gln Asp Thr Thr
64      100      105      110
65 Ala Asp Val Ala Leu Leu Lys Leu Ser Ser Gln Val Thr Phe Thr Ser
66      115      120      125
67 Ala Ile Leu Pro Ile Cys Leu Pro Ser Val Thr Lys Gln Leu Ala Ile
68      130      135      140
69 Pro Pro Phe Cys Trp Val Thr Gly Trp Gly Lys Val Lys Glu Ser Ser
70 145      150      155      160
71 Asp Arg Asp Tyr His Ser Ala Leu Gln Glu Ala Glu Val Pro Ile Ile
72      165      170      175
73 Asp Arg Gln Ala Cys Glu Gln Leu Tyr Asn Pro Ile Gly Ile Phe Leu
74      180      185      190
75 Pro Ala Leu Glu Pro Val Ile Lys Glu Asp Lys Ile Cys Ala Gly Asp
76      195      200      205
77 Thr Gln Asn Met Lys Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro Leu
78      210      215      220
79 Ser Cys His Ile Asp Gly Val Trp Ile Gln Thr Gly Val Val Ser Trp
80 225      230      235      240
81 Gly Leu Glu Cys Gly Lys Ser Leu Pro Gly Val Tyr Thr Asn Val Ile
82      245      250      255
83 Tyr Tyr Gln Lys Trp Ile Asn Ala Thr Ile Ser Arg Ala Asn Asn Leu
84      260      265      270
85 Asp Phe Ser Asp Phe Leu Phe Pro Ile Val Leu Leu Ser Leu Ala Leu
86      275      280      285
87 Leu Cys Pro Ser Cys Ala Phe Gly Pro Asn Thr Ile His Arg Val Gly
88      290      295      300
89 Thr Val Ala Glu Ala Val Ala Cys Ile Gln Gly Trp Glu Glu Asn Ala
90 305      310      315      320
91 Trp Arg Phe Ser Pro Arg Gly Arg Glu Leu Thr Gly Glu Pro Leu Leu
92      325      330      335
93 Thr Leu Gly Asp Phe Ile Tyr Asn Leu Lys
94      340      345
96 <210> SEQ ID NO: 3
97 <211> LENGTH: 1286
98 <212> TYPE: DNA
99 <213> ORGANISM: homo sapiens
101 <400> SEQUENCE: 3
102 ctgcagctgc acttctgaag tctggtccct tcaggatctg gcagcgggtg aagaccaaag      60
103 gagaggaggg ggtgaagcag aggaatccat ctaggagaag ctagtcttgg cagctcccca      120
104 ttggcctctt cctgggagcc tgagtccagg aagcaggaag cgctcactgg ctctgaggac      180
105 agagacatgg gccctgctgg ctgtgccttc acgtgctcc tctgtctggg gatctcagtg      240
106 tgtgggcaac ctgtatactc cagccgcgtt gtaggtggcc aggatgctgc tgcagggcgc      300
107 tggccttggc aggtcagcct acactttgac cacaacttta tctatggagg ttccctcgtc      360
108 agtgagaggt tgatactgac agcagcacac tgcatacaac cgacctggac tactttttca      420

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109	tatactgtgt	ggctaggatc	gattacagta	ggtgactcaa	ggaaacgtgt	gaagtactac	480
110	gtgtccaaaa	tcgtcatcca	tcccaagtac	caagatacaa	cggcagacrt	cgccttggtg	540
111	aaactgtcct	ctcaagtcac	cttcacttct	gccatcctgc	ctatttgctt	gcccagtgtc	600
112	acaaagcagt	tggcaattcc	acccttttgt	tgggtgaccg	gatggggaaa	agttaaggaa	660
113	agttcagata	gagattacca	ttctgccctt	caggaagcag	aagtacccat	tattgaccgc	720
114	caggcttggtg	aacagctcta	caatcccatc	ggtatcttct	tgccagcaact	ggagccagtc	780
115	atcaaggaag	acaagatttg	tgttggtgat	actcaaaaca	tgaaggatag	ttgcaagggg	840
116	gattctggag	ggcctctgtc	gtgtcacatt	gatggtgtat	ggatccagac	aggagtagta	900
117	agctggggat	tagaatgtgg	taaatctctt	cctggagtct	acaccaatgt	aatctactac	960
118	caaaaatgga	ttaatgccac	tatttcaaga	gccaacaatc	tagacttctc	tgacttcttg	1020
119	ttccctattg	tcctactctc	tctggctctc	ctgygtccct	cctgtgcctt	tggacctaac	1080
120	actatacaca	gagtaggcac	tgtagctgaa	gctggtgctt	gcatacaggg	ctgggaagag	1140
121	aatgcatgga	gatttagtcc	caggggcaga	gaactcacag	gagagccact	gctaaccctg	1200
122	ggtgacttta	tttacaattt	gaaatgattt	tgtttttaag	gtttttgatt	ttggaagttt	1260
123	tgggggttga	aagtgaagag	ttaaga				1286

VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date